

Claims

1. A method for indexing text on a personal digital assistant (PDA), the method comprises the steps of:

transferring dynamic documents from said PDA to an off line mediary;

5 creating off-line, from said dynamic documents, a static index; and

transferring said off-line static index to said PDA.

2. A method according to claim 1, wherein said mediary is selected from the group consisting of a desktop, a server, and a web server.

10 3. A method according to claim 1, further comprising the step of:

updating said off-line static index with said dynamic documents that have been modified, added, or deleted after said step of creating, and

from time to time, transferring said off-line updated static index to said PDA.

15 4. A method according to claim 3, wherein said from time to time is synchronization of said PDA with said off-line mediary.

5. A method according to claim 1, further comprising the step of:

20 indexing on-line a dynamic index of said dynamic documents.

6. A method for searching text on a personal digital assistant (PDA), the method comprises the steps of:

searching an on-line static index and compiling therefrom static search results;
searching a dynamic index and compiling therefrom dynamic search results; and
merging said static search results with said dynamic search results.

5 7. A method for indexing and searching text on a personal digital assistant (PDA),
the method comprises the steps of:

creating off-line a static index of dynamic documents for transfer to said PDA;
and

searching on said PDA, said static index and an on-line dynamic index, wherein
said step of creating is independent from said of searching.

8. A method for indexing text on a personal digital assistant (PDA), the method
comprises the steps of:

creating off-line a static index;

transferring said off-line static index to said PDA;

from time to time, updating said off-line static index with dynamic text from said
PDA; and

updating said on-line static index with said updated off-line static index.

20 9. A method according to claim 8, wherein said dynamic text is text on said PDA
that has been added or modified after said step of creating.

10. A method according to claim 8, further comprising the step of:

creating an on-line dynamic index from said dynamic text.

11. A method according to claim 8, further comprising the steps of:
detecting when the dynamic index exceeds predefined limits; and
5 sending a signal.

12. A method according to claim 11, wherein said signal comprising a warning to
generate a new, merged static index.

- 10 13. A method according to claim 12, wherein said predefined limits are selected
from the group consisting of predefined limits for search time, document capacity, or
number of dynamic document.

14. A personal digital assistant (PDA) comprising:
an updatable static index; and
a dynamic index.

15. A PDA according to claim 14, wherein said updatable static index is created
off-line.

- 20 16. A PDA according to claim 14, further comprising:
a search engine for searching said static index and said dynamic index.

17. A PDA according to claim 14, further comprising:
an on-line indexer for creating said dynamic index.

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